

**TRANSMITTAL LETTER
(General - Patent Issued)**

COFC
Docket No.
60046-41

Patentee(s): Donald William Van Doorn and James Brown Hawkins

U.S. Patent No.
6,088,881



Issue Date
July 18, 2000

Title: **METHOD AND APPARATUS FOR SEPARATING FOREIGN MATTER FROM FIBROUS MATERIAL**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Certificate of Correction
Exhibits A, B, C
Formal Drawing - Fig. 3
Postal Receipt Card

REVIEW

RECEIVED
JAN 17 2001
CERTIFICATE OF CORRECTION

- ☐ No additional fee is required.
- ☒ A check in the amount of \$100.00 is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 500376 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.


Signature

Dated: December 22, 2000

Christopher A. Holland, Reg. No. 30,895
BURR & FORMAN LLP
Post Office Box 830719
Birmingham, Alabama 35283-0719
205-458-5445
205-458-5100 fax
cholland@burr.com

I certify that this document and fee is being deposited on 12/22/00 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.


Signature of Person Mailing Correspondence

Paula J. Kustos

Typed or Printed Name of Person Mailing Correspondence

CC:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Issued Patent of:

Donald William Van Doorn and
James Brown Hawkins

Patent No.: 6,088,881

Issued: July 18, 2000

Title: METHOD AND APPARATUS FOR
SEPARATING FOREIGN MATTER
FROM FIBROUS MATERIAL



[Handwritten signature]

[Handwritten signature]

APPROVED

NOV 6 - 2001
[Handwritten signature]
FOR THE COMMISSIONER OF PATENT & TRADEMARK OFFICE

BURR & FORMAN LLP
Post Office Box 830719
Birmingham, Alabama 35283-0719
December 22, 2000

Assistant Commissioner for Patents
Washington, D.C. 20231

REQUEST FOR CERTIFICATE OF CORRECTION
UNDER 35 U.S.C. § 255

It is certified that error appears in the above-identified patent and that said Letters patent is hereby corrected as described herein. The error is found in FIG. 3 of the issued patent (a copy of this figure is submitted as Exhibit A). The error in FIG. 3 of the issued patent is that an arcuate line proximate the cylinder 23 and cylinder 28 is not illustrated as was illustrated in the original FIG. 3 filed with the initial patent application (a copy of the figure submitted with the original application is included as Exhibit B). The arcuate line that was in the original drawing is highlighted in red in Exhibit B. Consequently, the patentee provides that FIG. 3 of the issued patent contains an error since this arcuate line is missing in this illustration.

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1

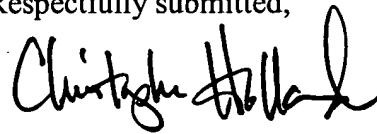
01 FC:145

100.00 DP

As a result of the missing line, the patentee respectfully requests that this error be corrected by reinserting the arcuate line in the formal drawing of FIG. 3, as highlighted in red in Exhibit C. As can be seen in a comparison of the original FIG. 3 of Exhibit B and the amended formal drawing of FIG. 3 in Exhibit C, the patentee requests that the arcuate line be inserted in the formal drawing of FIG. 3 (highlighted in red in Exhibit C) proximate the cylinders **23** and **28**, as was originally provided in FIG 3 in the patent application when filed (see Exhibit B).

A clean copy of the formal drawing of FIG. 3 is also included with this transmittal. Additionally, the patentee submits a check in the amount of \$100.00 for this request for a Certificate of Correction.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Christopher Holland", with a stylized flourish at the end.

Christopher A. Holland
Registration No. 46,316
205-458-5445

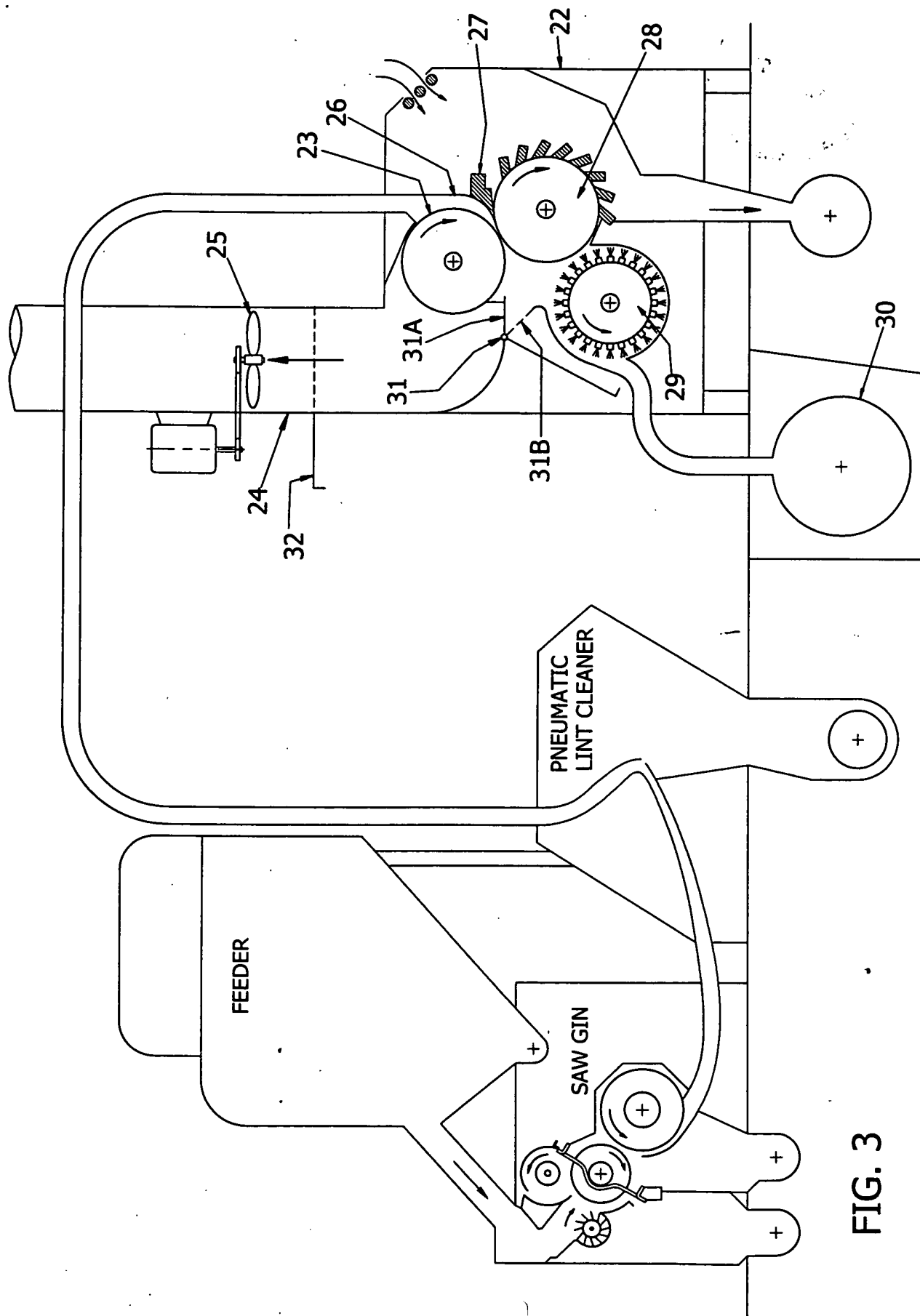


FIG. 3

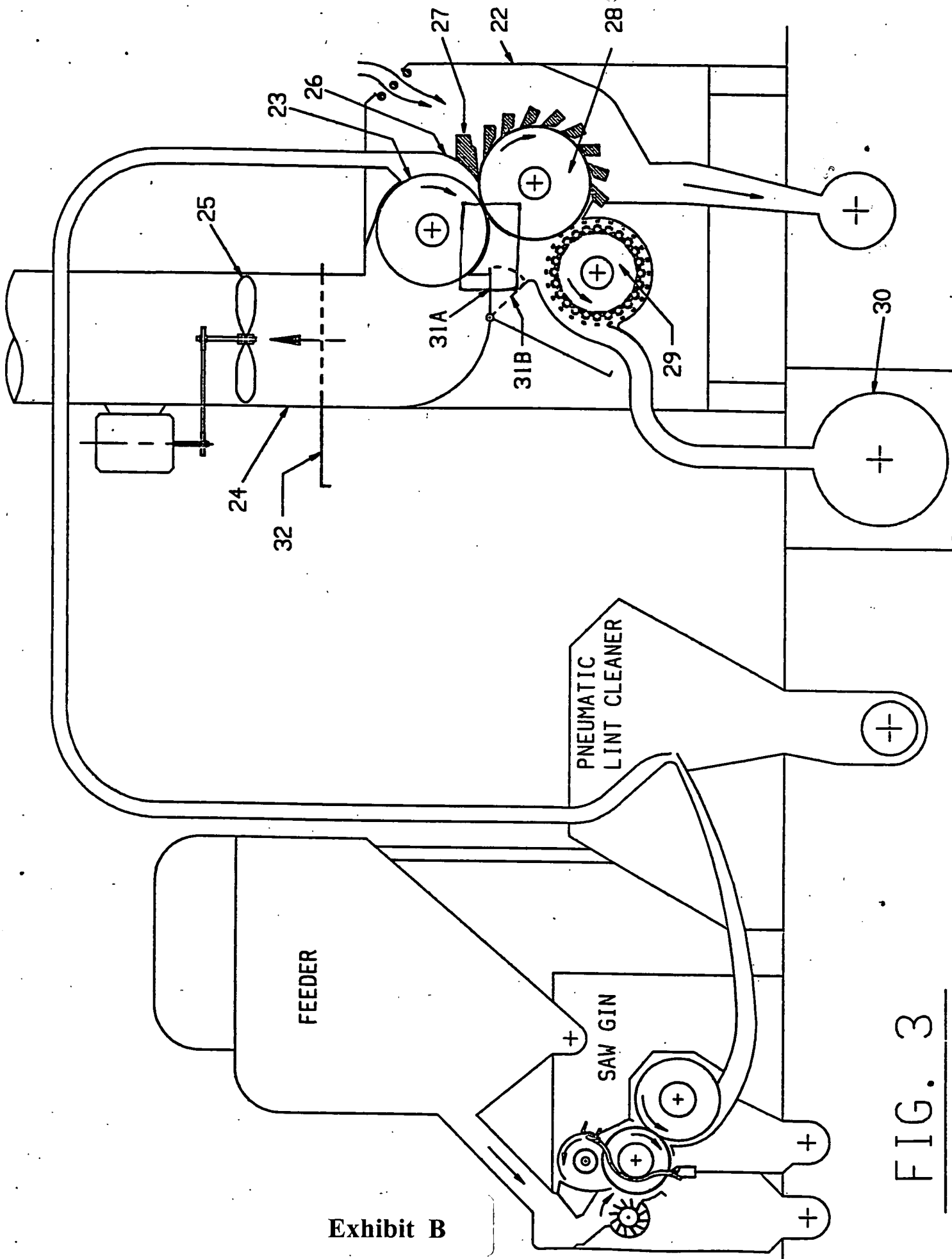


Exhibit B

FIG. 3

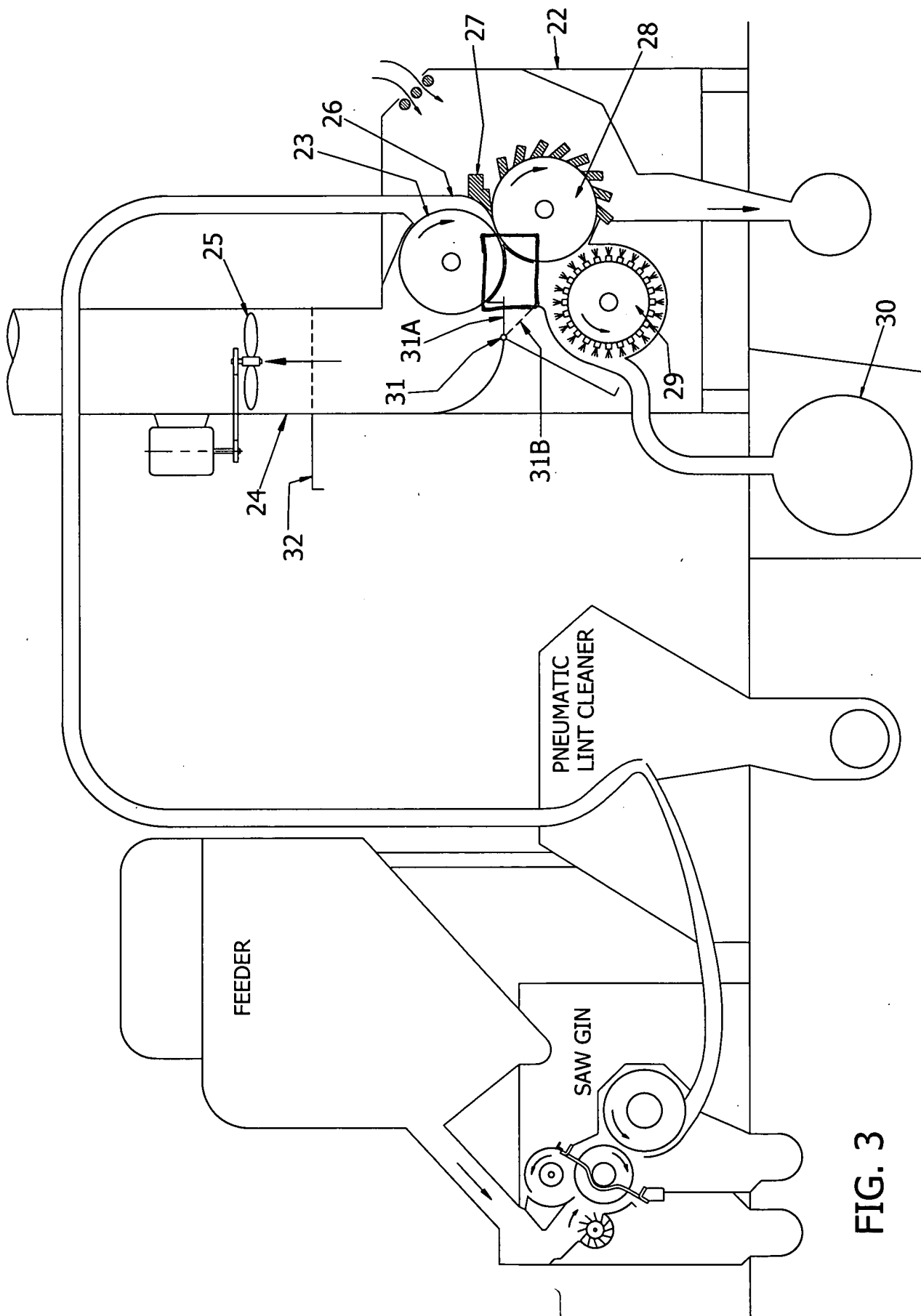


FIG. 3

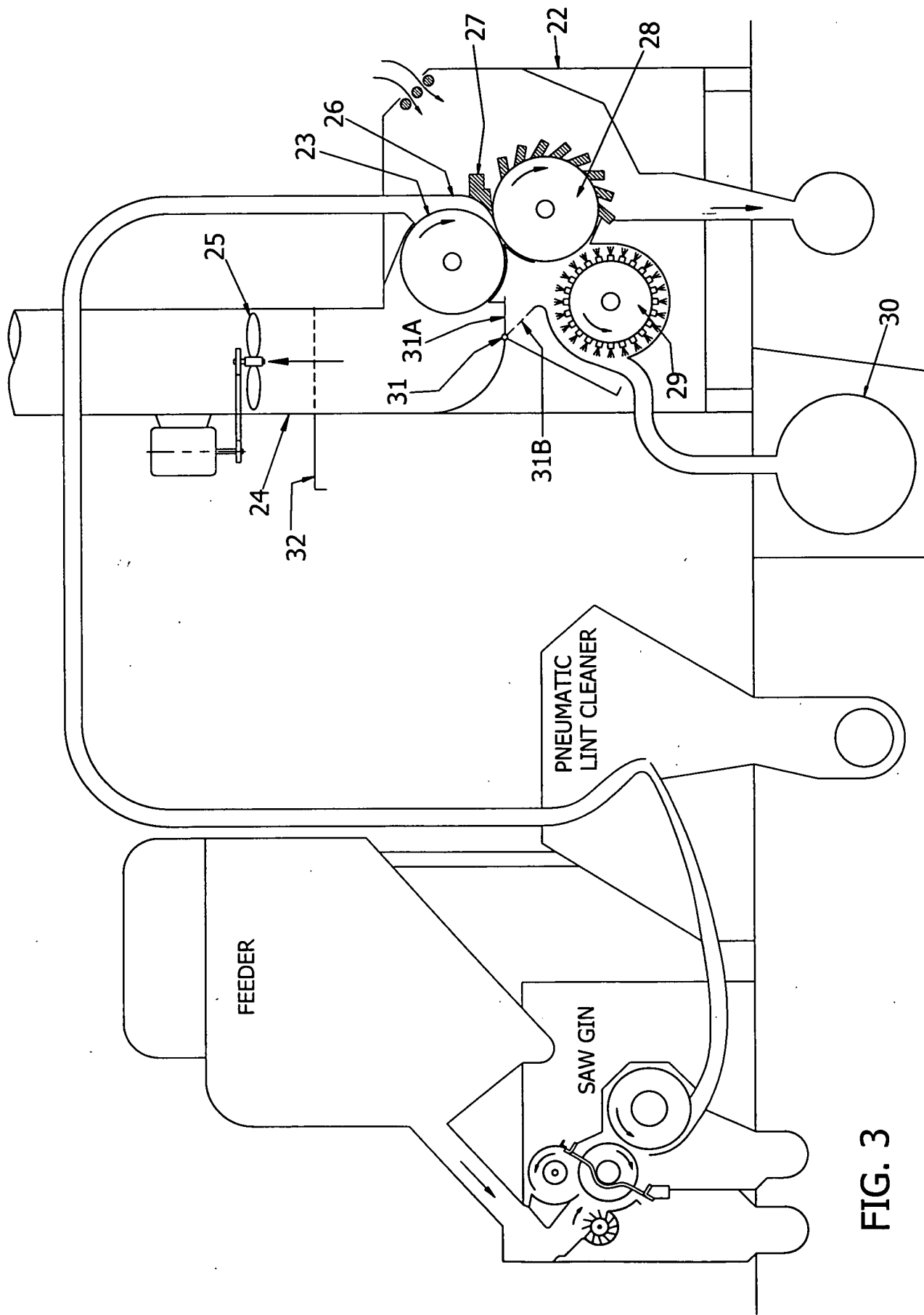


FIG. 3

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,088,881

DATED : July 18, 2000

INVENTOR(S) : Van Dorn et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The Title page showing an illustrative figure should be deleted, and substitute therefor the attached Title page.

The drawing sheet consisting of figure 3 should be deleted, and substitute therefore the attached drawing sheet 3 of 3.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,088,881
DATED : July 18, 2000
INVENTOR(S) : Van Dorn et al.

Page 1 of 3

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The drawing sheet consisting of figure 3 should be deleted, and substitute therefore the attached drawing sheet 3 of 3.

Signed and Sealed this

Eighteenth Day of December, 2001

Attest:

A handwritten signature in black ink, appearing to read "James E. Rogan", with a long horizontal flourish extending to the right.

Attesting Officer

JAMES E. ROGAN
Director of the United States Patent and Trademark Office

United States Patent [19]

Van Doorn et al.

[11] Patent Number: 6,088,881

[45] Date of Patent: Jul. 18, 2000

[54] **METHOD AND APPARATUS FOR
SEPARATING FOREIGN MATTER FROM
FIBROUS MATERIAL**[75] Inventors: Donald William Van Doorn,
Columbus; James Brown Hawkins,
Fortson, both of Ga.

[73] Assignee: Lummus Corporation, Columbus, Ga.

[21] Appl. No.: 09/162,563

[22] Filed: Sep. 29, 1998

[51] Int. Cl.⁷ D01B 1/04

[52] U.S. Cl. 19/202; 19/39; 19/64.5

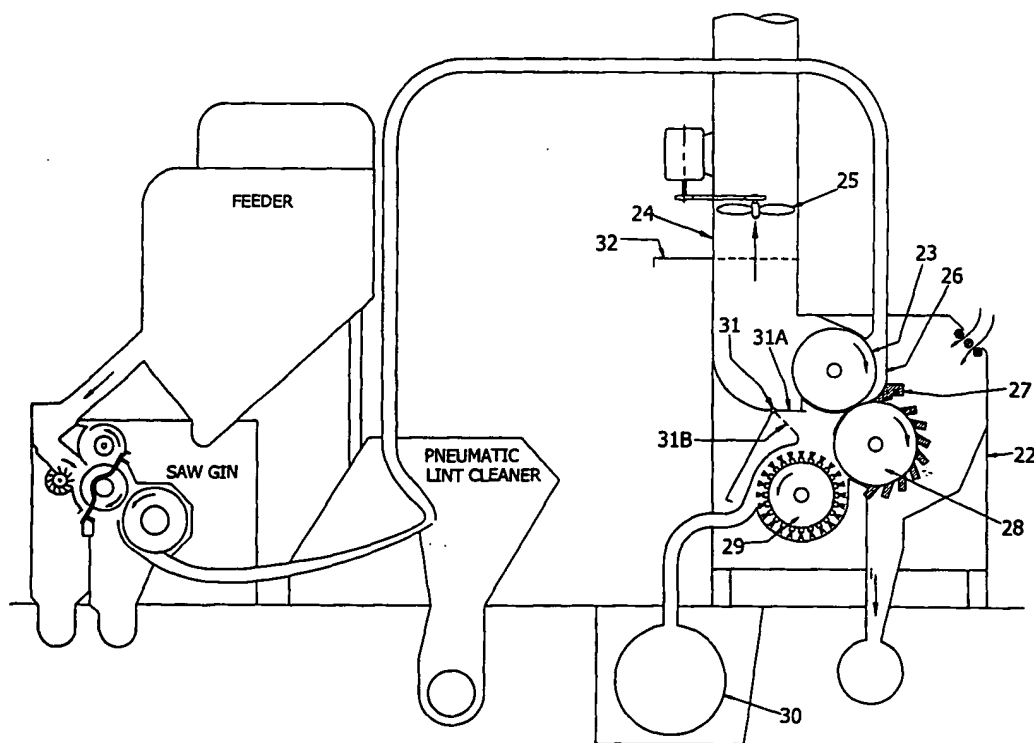
[58] Field of Search 19/40, 41, 65 A,
19/200, 202, 203, 204, 205, 39, 42, 48 R,
64.5[56] **References Cited****U.S. PATENT DOCUMENTS**

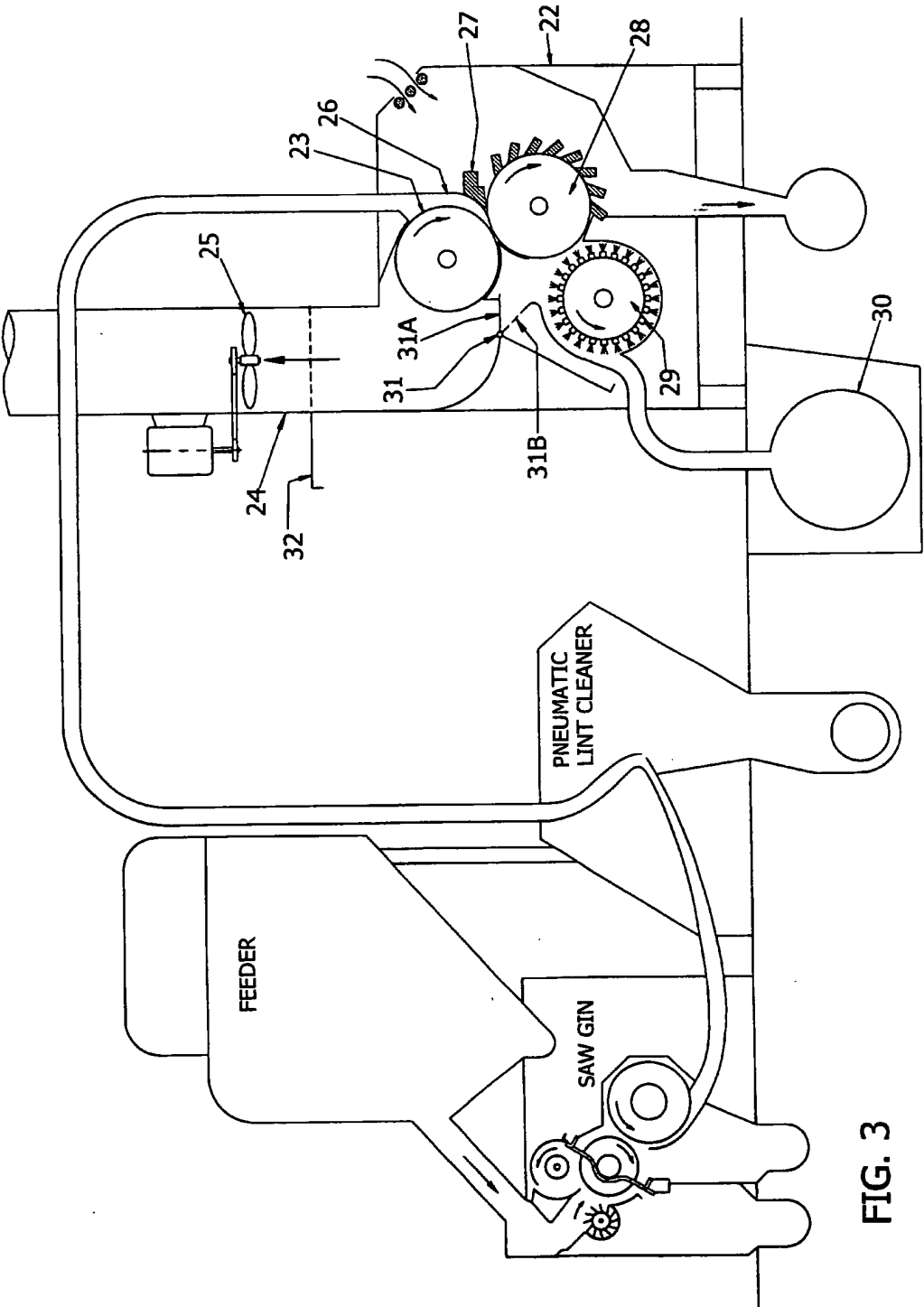
Re. 26,649	8/1969	Reddick .	
2,948,022	8/1960	Day	19/203
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5,173,994	12/1992	Gillum et al.	19/200
5,295,283	3/1994	Gillum et al.	19/200

Primary Examiner—Michael A. Neas
 Assistant Examiner—Gary L. Welch
 Attorney, Agent, or Firm—Robert J. Veal; Veal & Associates, LLC

[57] **ABSTRACT**

An apparatus for separating foreign matter from fiber tufts includes an air duct in which fiber tufts are pneumatically conveyed into the system via a high speed air stream. The air duct provides an air stream that conveys the fiber tufts with trash on to a revolving cleaning cylinder having teeth to engage the fiber tufts at a velocity that is sufficient to prevent agglomeration of the fiber tufts on a cylinder. The fiber tufts and trash thereby engage a separating means without agglomeration of the fiber tufts. The fiber tufts and trash further engage a streamer plate and grid bars to separate the trash from the fiber tufts such that the clean fiber tufts are distributed to a lint flue. The apparatus may further include a perforated cylinder in close proximity with the revolving cleaning cylinder that allows air to flow there-through, but that prevents penetration of the perforated cylinder surface by the desired fiber tufts. The use of the perforated cylinder provides an efficient means to cause the fiber tufts to engage the revolving cleaning cylinder without agglomeration to remove the undesired trash and deliver the desirable fiber tufts into a battery condenser.

16 Claims, 3 Drawing Sheets



NOTICE RE: CERTIFICATES OF CORRECTION

DATE : 10/11/01

Paper No.: _____

TO : Supervisor, Art Unit 3741

SUBJECT : Certificate of Correction Request in Patent No.: 6,088,881

A response to the following question(s) is requested with respect to the accompanying request for a certificate of correction.

- ☒ 1. Would the change(s) requested, under 37 C.F.R. 1.323, correcting Applicant/Attorney's (A or Atty.) errors, constitute new matter or require reexamination of the application?
- ☒ 2. Would the change(s) requested, under 37 C.F.R. 1.323, correcting Applicant/Attorney's (A or Atty.) errors, materially affect the scope or meaning of the claims allowed by the examiner in the patent?
- ☐ 3. Applicant disagrees with change(s) initialed and dated by Examiner in lieu of an Examiner's Amendment. Should the change request be granted?
- ☐ 4. With respect to the change(s) requested, correcting Office and/or printing (O, Off, C, and/or P) errors, should the patent read as shown in the certificate of correction?
- ☐ 5. If the amendment filed _____ had been considered by the Examiner, would the amendment have been entered?

PLEASE RESPOND WITHIN 7 DAYS AND RETURN THE FILE TO

**PALM LOCATION. 7580,
CERTIFICATES OF CORRECTION BR, PARK 3 -915/922,
Thank you**



Legal Instrument Examiner
Tel. No.

PLEASE CHECK THE BOX(ES) BELOW CORRESPONDING TO THE BOXES CHECKED FOR QUESTION(S)

ABOVE AND RETURN FILE TO: PALM LOCATION 7580, CERT. OF CORREC. BR., PK 3 -915/922

DATE: _____

The decision regarding the change(s) requested in the certificate of correction is shown below.

- | | | |
|---------------------------------|-----------------------------|---|
| <input type="checkbox"/> 1. YES | <input type="checkbox"/> NO | <input type="checkbox"/> Comments below |
| <input type="checkbox"/> 2. YES | <input type="checkbox"/> NO | <input type="checkbox"/> Comments below |
| <input type="checkbox"/> 3. YES | <input type="checkbox"/> NO | <input type="checkbox"/> Comments below |
| <input type="checkbox"/> 4. YES | <input type="checkbox"/> NO | <input type="checkbox"/> Comments below |
| <input type="checkbox"/> 5. YES | <input type="checkbox"/> NO | <input type="checkbox"/> Comments below |

PUBLISH

☐ Comments _____



Supervisor

Art Unit

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

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